

APPENDIX E

SOPA (ADMIN) NEW LONDON INSTRUCTION 5090.18

**INSTALLATION RESTORATION SITE USE RESTRICTIONS
AT NAVAL SUBMARINE BASE NEW LONDON**



DEPARTMENT OF THE NAVY
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT 06349-5000

SOPA (ADMIN) NLONINST 5090.18
1600
12 OCT 2000

SOPA (ADMIN) NEW LONDON INSTRUCTION 5090.18

From: Commanding Officer, Naval Submarine Base New London

Subj: INSTALLATION RESTORATION SITE USE RESTRICTIONS AT NAVAL
SUBMARINE BASE NEW LONDON

Ref: (a) Comprehensive Environmental Response, Compensation
and Liability Act of 1980 (CERCLA)
(b) Superfund Amendments and Reauthorization Act of 1986
(SARA)
(c) OPNAVINST 5090.1B, Chapter 15
(d) Resource Conservation and Recovery Act (RCRA)
(e) Public Works Department Instruction 11000.1A

Encl: (1) Defense Reutilization and Marketing Service (DRMO)
Installation Restoration Site and Landfill Cap
(2) Area A Landfill Installation Restoration Site and
Landfill Cap
(3) Installation Restoration Site Map for Naval Submarine
Base New London
(4) Excavated Soil Management for Installation
Restoration sites at Naval Submarine Base New London
(5) Management of Dewatering Wastewaters for Installation
Restoration Sites at Naval Submarine Base New London

1. Purpose. This instruction defines the Naval Submarine Base New London (SUBASENLON) policy regarding ground surface disturbance of soils or any subsurface disturbance of soils and/or groundwater in Installation Restoration (IR) sites. Disturbance is defined as any form of excavation or dewatering occurring in IR sites.

2. Discussion. In accordance with references (a) through (d), the SUBASENLON IR Program manages the identification, characterization, and cleanup of contaminated soils, sediments and groundwater at specific SUBASENLON IR locations. The existing IR sites at SUBASENLON are in various stages of the IR investigation and cleanup process. Specialized landfill caps have been installed over the former landfill at the Defense Reutilization and Marketing Office (DRMO) site and the former landfill at the Area A site in order to isolate contaminated soils and sediments from the surrounding environment. These caps can be damaged by the operation or storage of heavy equipment on the cap surface or by unauthorized excavation through the cap surface. Enclosures (1) and (2) outline the boundaries of the landfill caps at DRMO and the Area A landfill site, respectively. Enclosure (3) depicts the boundaries of all other identified IR sites at SUBASENLON. All areas indicated in enclosures (1) through (3) may contain contaminated soil, sediment or

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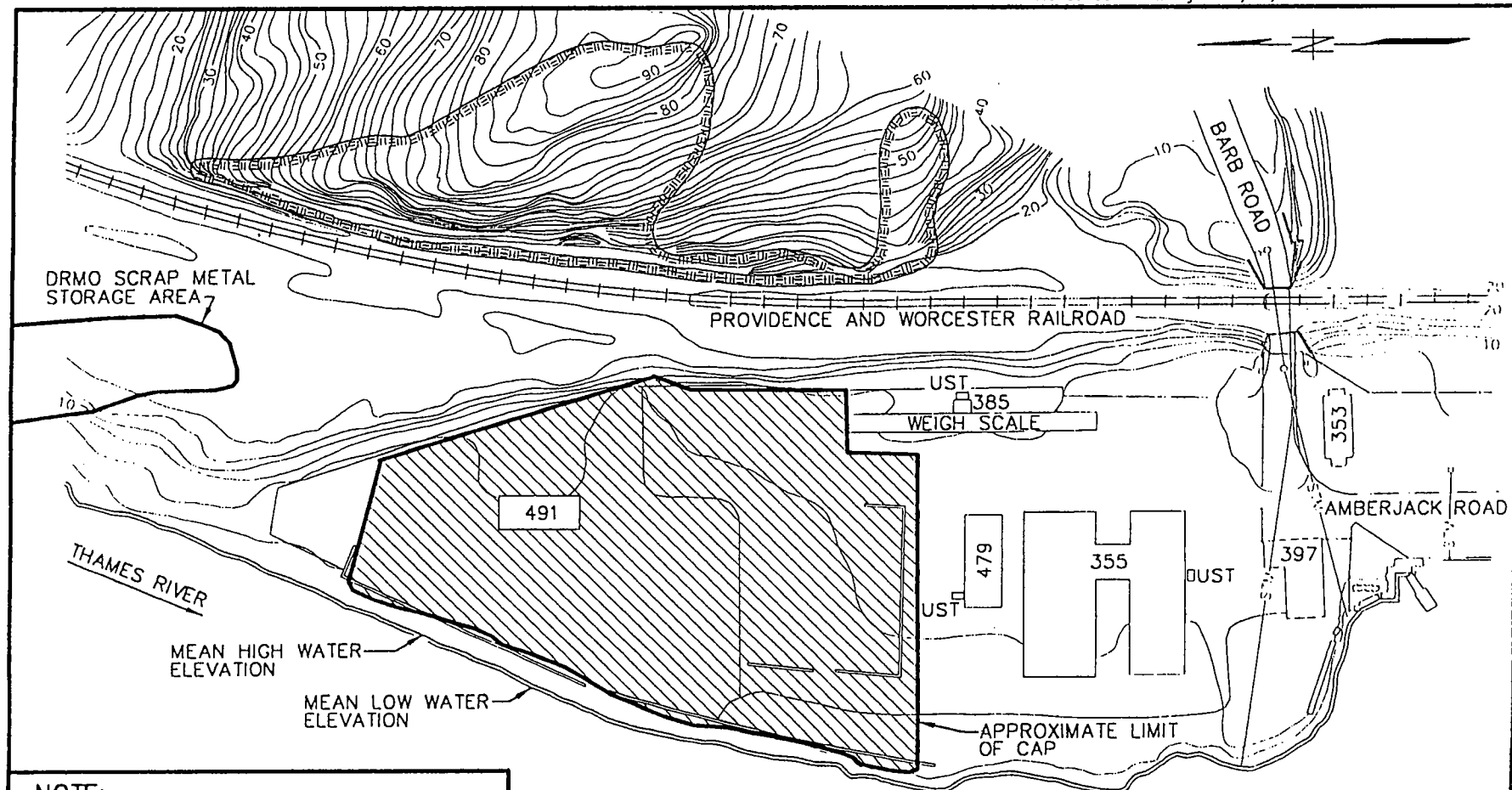
groundwater, which can potentially threaten human health or the environment if disturbed by unauthorized excavation or dewatering. Enclosures (4) and (5) provide guidance for excavation and dewatering in IR sites at SUBASENLON.

3. Applicability. This instruction is applicable to all departments, tenant commands and Navy contractors at SUBASENLON.

4. Action. Prior to the operation or storage of any heavy equipment at the sites depicted in enclosures (1) and (2), all SUBASENLON departments, tenant commands and Navy contractors shall contact the SUBASENLON Public Works Engineering Division, which will determine landfill cap loading restrictions for all equipment to be operated or stationed on the landfill caps. Any SUBASENLON department, tenant command or Navy contractor planning projects involving subsurface excavation, dewatering or ground surface disturbance at the sites depicted in enclosures (1) through (3) shall notify the SUBASENLON IR Program Manager at 694-5176/5133 at the earliest project planning phase and follow the dig permit directions contained in reference (e). The IR Program Manager will coordinate project review with the Remedial Project Manager at Naval Engineering Facilities Command, Northern Division, the SUBASENLON Public Works Department Engineering Division and the Public Safety Department, the USEPA and the CTDEP. Based on the outcome of this coordination, the SUBASENLON IR Program Manager will provide guidance for projects proposing ground surface disruption, subsurface excavation or dewatering work in accordance with enclosures (4) and (5).



R. W. RUPLE

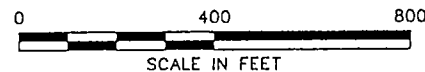
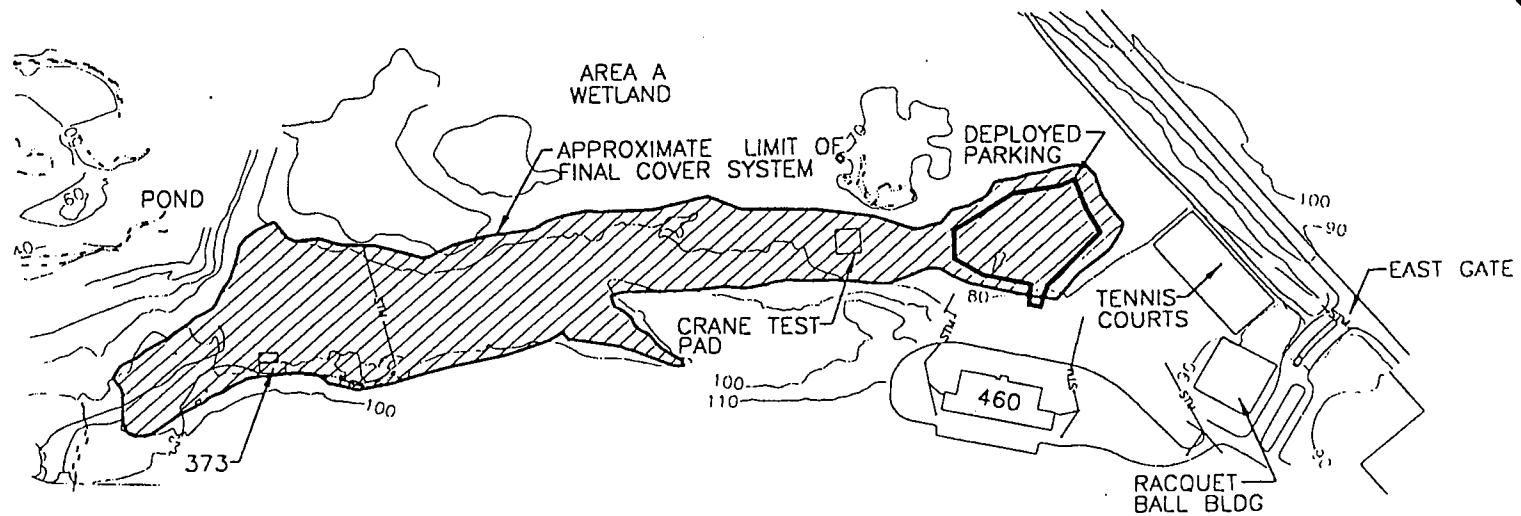
Distribution: (SUBASENLONINST 5216.8L)
List D

**NOTE:**


1. BASE MAP AND UTILITY INFORMATION FROM MAPS OF NSB-NLON AND PHASE II RI WORK PLAN, (ATLANTIC, MAY 1993).

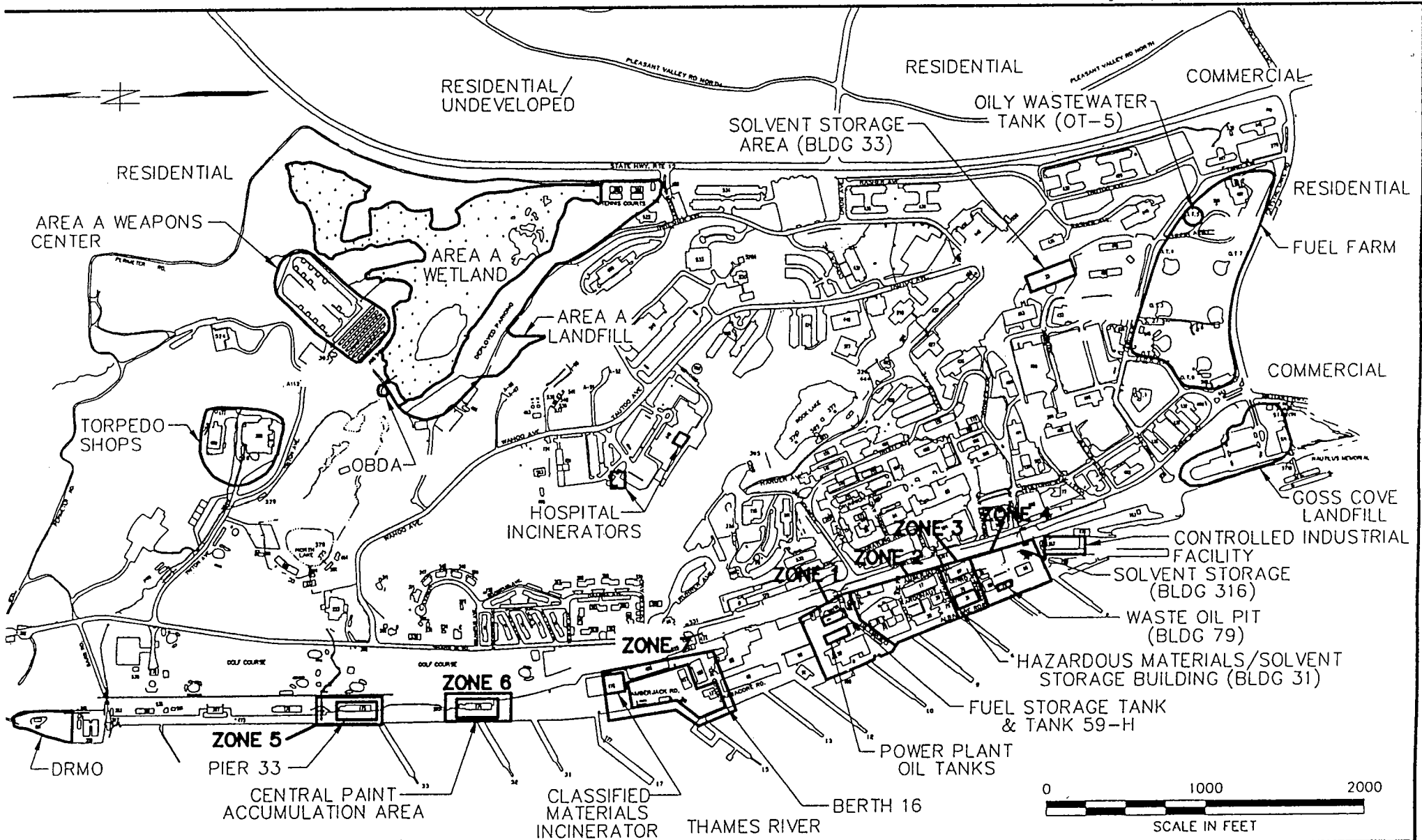
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SCALE IN FEET

DRAWN BY MF	DATE 8/15/00	 Tetra Tech NUS, Inc.	CONTRACT NO. 7091	OWNER NO. 257
CHECKED BY	DATE		APPROVED BY <i>Carly A. Phil</i>	DATE 8/23/00
COST/SCHED-AREA		DEFENSE REUTILIZATION AND MARKETING OFFICE (DRMO) INSTALLATION RESTORATION SITE AND LANDFILL CAP NAVAL SUBMARINE BASE NEW LONDON GROTON, CONNECTICUT	APPROVED BY	DATE
SCALE AS NOTED			DRAWING NO. ENCLOSURE 1	REV. 0

**NOTE:**

1. BASE MAP AND UTILITY INFORMATION FROM MAPS OF NSB-NLON AND PHASE II RI WORK PLAN (ATLANTIC, MAY 1993).

DRAWN BY MF	DATE 8/14/00	 Tetra Tech NUS, Inc. AREA A LANDFILL INSTALLATION RESTORATION SITE AND LANDFILL CAP NAVAL SUBMARINE BASE NEW LONDON GROTON, CONNECTICUT	CONTRACT NO. 7091	OWNER NO. 0257
CHECKED BY	DATE		APPROVED BY <i>Greg A. Rail</i>	DATE 8/23/00
COST/SCHED-AREA			APPROVED BY	DATE
SCALE AS NOTED			DRAWING NO. ENCLOSURE 2	REV. 0



DRAWN BY
MF 8/15/00

CHECKED BY
DATE

COST/SCHED-AREA

SCALE
AS NOTED



Tetra Tech NUS, Inc.

**ACTIVE INSTALLATION RESTORATION SITES
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT**

CONTRACT NO.
7091

OWNER NO.
0257

APPROVED BY

DATE

APPROVED BY

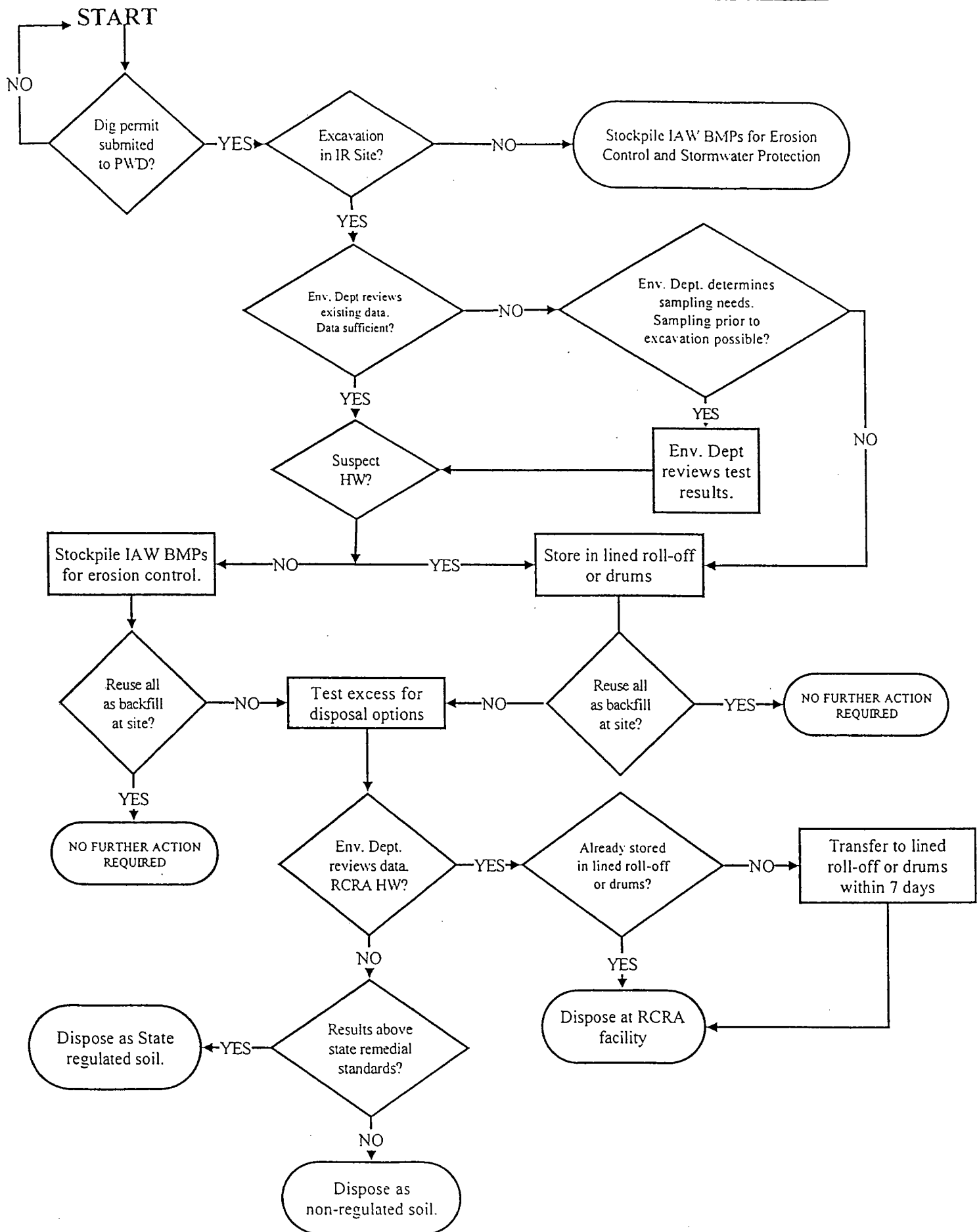
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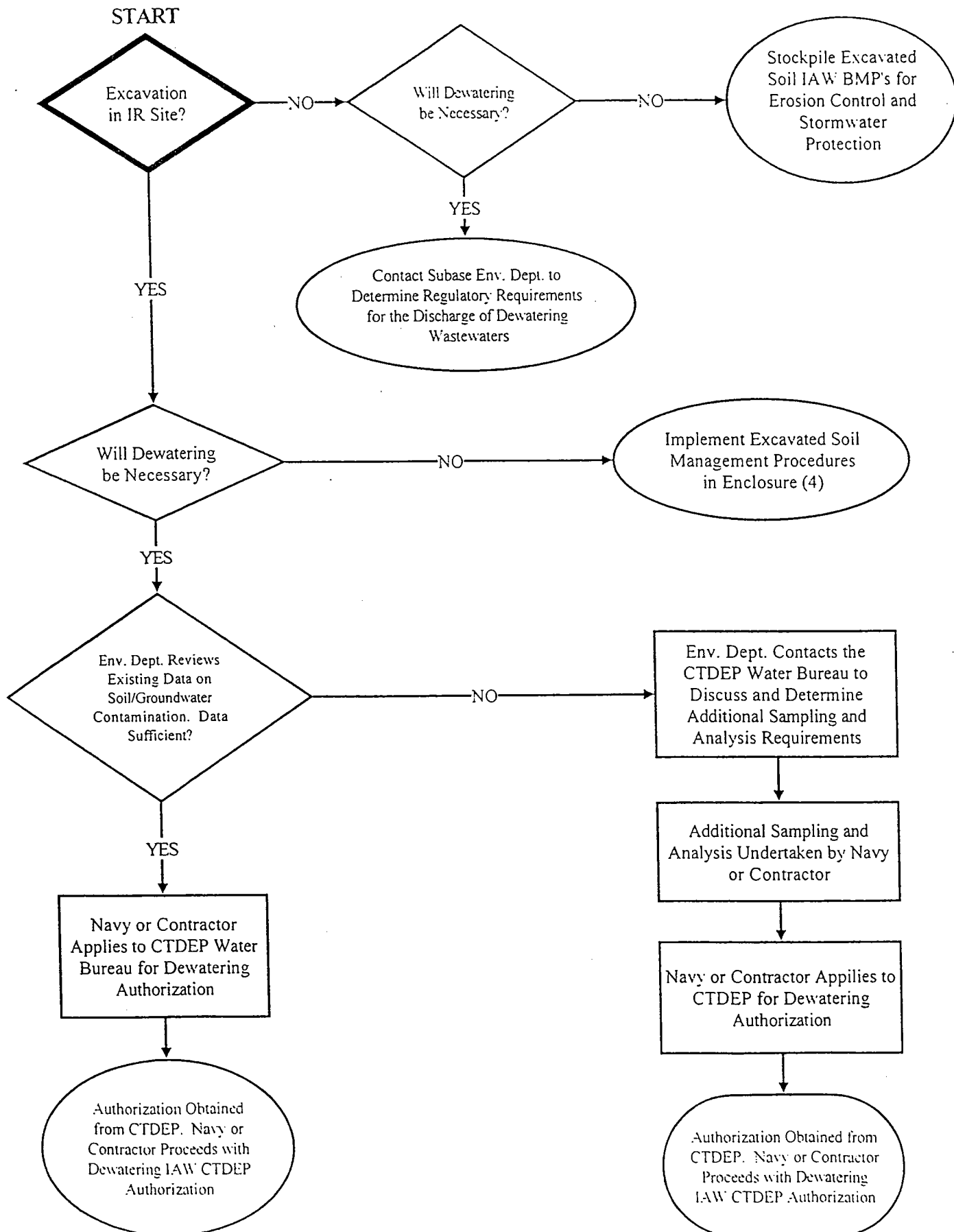
ENCLOSURE 3

REV.
0

EXCAVATED SOIL MANAGEMENT FOR INSTALLATION RESTORATION SITES AT NAVAL SUBMARINE
BASE NEW LONDON



MANAGEMENT OF DEWATERING WASTEWATERS FOR INSTALLATION RESTORATION SITES AT
NAVAL SUBMARINE BASE NEW LONDON





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1

1 CONGRESS STREET, SUITE 1100
BOSTON, MASSACHUSETTS 02114-2023

December 7, 2001

Mark Evans, Remedial Project Manager
U.S. Department of the Navy
Naval Facilities Engineering Command
Northern Division
10 Industrial Highway
Code 1823, Mail Stop 82
Lester, PA 19113-2090

Superfund Records Center
SITE: New London Sub. Base
BREAK: 83
OTHER: 17516

Re: Five-year review for the Naval Submarine Base-New London Superfund Site

Dear Mr. Evans:

Thank you for the opportunity to review the *Five-Year Review Report for Naval Submarine Base - New London, Groton, Connecticut*, dated November 2001. Upon review, EPA concurs with the findings that all remedies that have been implemented are protective of human health and the environment.

EPA reviewed the document for compliance with the *Comprehensive Five-Year Review Guidance*, EPA 540-R-01-007 (OSWER Directive No. 9355.7-03B-P), dated June 2001. The report includes five-year reviews for twenty-three sites, including the following ten Operable Units: Area A Landfill (OU1), Defense Reutilization and Marketing Office (OU2), Area A Downstream Watercourses/Over bank Disposal Area (OU3), Lower Submarine Base (OU4), Goss Cove Landfill (OU5), Spent Acid Storage and Disposal Area (OU6), Area A Weapons Center (OU7), Torpedo Shops (OU8), Basewide Groundwater (OU9), and the Rubble Fill Area at Bunker A-86 (OU10). EPA is pleased to see the Navy reiterate its commitment to following the CERCLA process in accordance with the Federal Facilities Agreement - both for 1) operable units that are still in the investigation phase and 2) for operable units where continued operation and maintenance, monitoring, and enforcement of institutional controls are necessary to sustain a remedy that is protective of human health and the environment. Access is restricted where necessary, including most of the sites that have not yet been remediated to minimize potential threats to human health and at sites where restricted access is part of the remedial action.

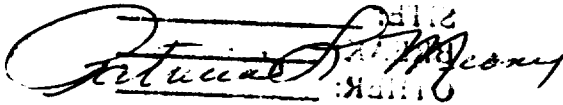
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As indicated in EPA's letter dated January 10, 2001, this five-year review requirement was prompted by the remedial action start for the Area A Landfill. Consistent with Section 121(c) of the CERCLA, the next five-year review must be finalized on or before December 9, 2006.

Sincerely,

A handwritten signature in dark ink, appearing to read "Patricia L. Meaney". The signature is written in a cursive style with a large initial "P".

Patricia L. Meaney, Director
Office of Site Remediation and Restoration

cc: Mark Lewis, CTDEP, Hartford, CT
Dick Conant, NSBNL, Groton, CT
Mary Sanderson, EPA, Boston, M A
Kymberlee Keckler, EPA, Boston, M A